



PCT/AU2004/001035

Patent Office  
Canberra

I, JULIE BILLINGSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. 2004900657 for a patent by CTECH EQUIPMENT PTY. LTD as filed on 12 February 2004.

I further certify that the above application is now proceeding in the name of CTECH CLOSURES PTY LTD pursuant to the provisions of Section 113 of the Patents Act 1990.

REC'D 24 AUG 2004

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WITNESS my hand this  
Twelfth day of August 2004

*J. Billingsley*

JULIE BILLINGSLEY  
TEAM LEADER EXAMINATION  
SUPPORT AND SALES

**PRIORITY  
DOCUMENT**

SUBMITTED OR TRANSMITTED IN  
COMPLIANCE WITH RULE 17.1(a) OR (b)

Prior art exists for the use of a cup or container enclosed within another container. Boehm - US Patent 5,813,563 and Robbins III in US Patent 5,114,011 disclose such cups located within containers in the region of the neck opening and closure.

The following invention is novel and / or an improvement in relation to prior art.

Disclosed is a non limiting example of a closure made of polyolefin material 10 and a cup 100 held securely within the closure and such that the cup does not interfere with the operation or sealing operation of the closure and can be removed from the closure.

The closure having a top wall 20 and depending from the lower surface of the top wall a skirt 30 and sealing means for engaging the neck of the container 60 (container shown partially). The sealing means which may be shaped and/or positioned differently than shown, consisting at least a bore seal 40 and as required projections 35 and/or 36, the skirt 30 having thread means 45 to engage with the neck of the container 60, a depending tamper evident ring 50 connected by frangible bridges 55 (bridges may be shaped or positioned or attached differently to that shown) to the lower end of the skirt.

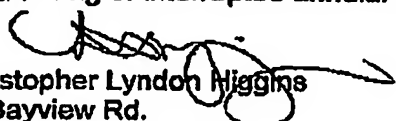
The bore seal 40 has cup retention means being one or more of an annular ring or projections 42 from the inner wall or alternatively or in combination an annular recess or interrupted annular recess (not shown) such that the retaining rim 105 of the cup 100 may be retained when pushed into the closure past cup retention means. The cup retention means and co-operating retaining rim may be constructed so as by means of relative movement of the said parts (not shown) lock into position and also be easily removed.

The cup 100 has ends 110 and 115 and it may be formed such that either end may be open or sealed by well known means to keep separate the contents of the cup and the contents of the container. The cup may also be used as a measuring or dispensing device.

We disclose also a means of manufacturing the said cup retention means by designing a mould employing a moving part to form the said cup retention means and move allowing ejection of the moulded part.

We disclose also equipment and means to make the said cup such that a cup is manufactured to properly fit into the said cup retention means.

We disclose an alternate cup retention means within the closure by moulding an annular ring or interrupted annular ring or partial annular ring 38.

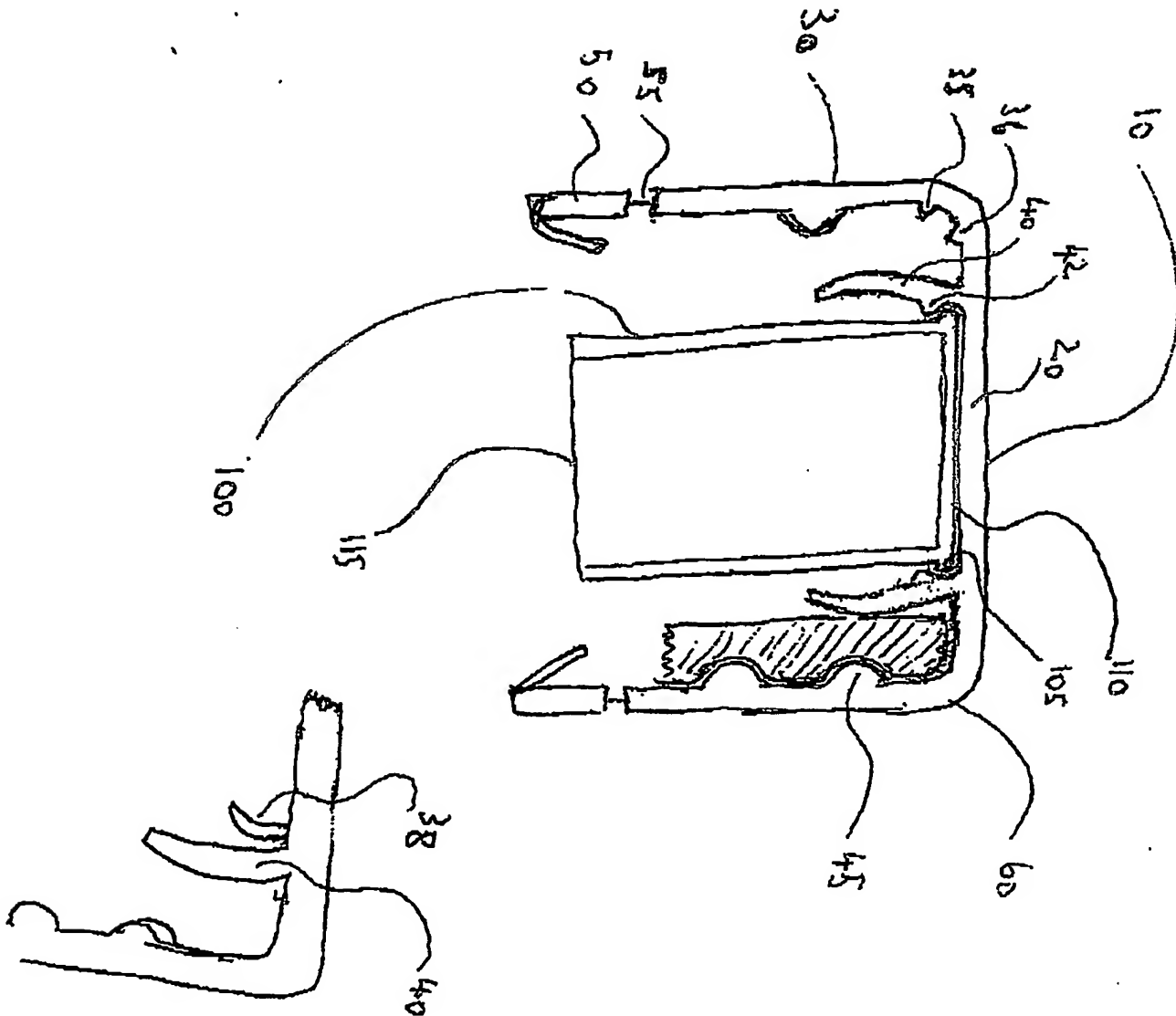
  
Christopher Lyndon Higgins  
21 Bayview Rd.  
Noosa Heads QLD 4567

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CLH Prov. BC1 Feb 12<sup>th</sup>, 2004

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